



River Publishers Series in Proceedings

Dynamic Substructuring & Transfer Path Analysis, 2026, Vol. 4 **Proceedings of the 44th IMAC, A Conference and Exposition on Structural Dynamics 2026**

Editors:

Dan Roettgen, Sandia National Laboratories, Albuquerque, NM, USA

Ben Davis, University of Georgia, Athens, GA, USA

ISBN: 9788743814436

e-ISBN: 9788743814153

Available From: July 2026

Price: € 0.00

Description:

Dynamic Substructuring & Transfer Path Analysis, Volume 4: Proceedings of the 44th IMAC, A Conference and Exposition on Structural Dynamics, 2026, the fourth volume of ten from the Conference brings together contributions to this important area of research and engineering. The collection presents early findings and case studies on fundamental and applied aspects of the dynamics of coupled structures, including papers on:

- Nonlinear and Joint Interface Substructuring
- Reduced Order Modeling and Substructuring
- Inverse and Dynamic Substructuring
- Substructuring of the Mechanical Systems
- Transfer Path Analysis

Keywords: Impulse Response Functions, Experimental techniques, Nonlinear substructuring, modal coupling, nonlinear TPA, Round Robin, Force Estimation, TPA, Force Estimation, Open Source, Dynamic Substructuring, Time Domain, IBS, OKID dynamics, joint identification, Pseudo Interface, Component Swap, Transfer Path, Pseudo-Forces, Transferability

Denmark Head Office

Alsbergvej 10
9260 Gistrup
Denmark
www.riverpublishers.com
Email: info@riverpublishers.com

USA Office

Indianapolis, IN
USA
Tel.: +1-3176899634
Email: rajeev.prasad@riverpublishers.com

UK Office

River Publishers
Email: philippa.jefferies@riverpublishers.com